

BEDA, N.I., inzh.; RYZHKOV, P.Ya., inzh.; ~~GORYUCHKO, I.G., inzh.~~;
MASHKOVA, A.K., inzh.; Prinimali uchastiye: LIFSHITS, S.I.;
KOTOV, N.K.; KOSHCHAYEV, A.D.; CHUVICHKINA, N.K.; KOLPOVSKIY,
N.M.; GOLOVKO, O.F.; LUDENSKIY, A.M.; SERBIN, I.V.; IVANOV, I.T.;
ALEKSEYEVA, N.V.; MENDEL'SON, N.Ya.

Quality of pipe billets and pipes made of killed converter steel.
Stal' 21 no.9:824-825 S '61. (MIRA 14:9)

1. Metallurgicheskiy zavod im. Petrovskogo i Truboprokatnyy
zavod im. Lenina.

(Pipe, Steel)

OSTAPENKO, Zh.V., inzh.; RYZHKOV, P.Ya., inzh.; GORYUCHKO, I.G., inzh.

Ultrasonic inspection of the quality of products at the Petrovskii
Plant. Stal' 24 no.9:851 S '64. (MIRA 17:10)

1. Metallurgicheskiy zavod im. Petrovskogo.

GORYUKHIN, M. A.

Goryukhin, M. A. -- "Visual Aids in Literature Lessons." Acad Pedagogical Sci RSFSR, See Res Inst of Methods of Instruction, Moscow, 1955 (Dissertation for the Degree of Candidate of Pedagogical Sciences)

SO: Knizhnaya Letopis', No. 24, Moscow, Jun 55, pp 91-104

BELOUS, N.Kh., st. nauchn. sotr.; KAZANSKIY, Yu.P.; VDOVIN, V.V.;
 KLYAROVSKIY, V.M.; KUZNETSOV, V.P.; NIKOLAYEVA, I.V.;
 NOVOZHILOV, V.I.; SENDERZON, E.M.; AKAYEV, M.S.; BABIN,
 A.A.; BERDNIKOV, A.P.; GORYUKHIN, Ye.Ye.; NAGORSKIY, M.P.;
 PIVEN', N.M.; BAKANOV, G.Ye.; GEBLER, I.V.; SMOLYANINOV,
 N.M.; SMOLYANINOVA, S.I.; YUSHIN, V.I.; D'YAKONOVA, N.D.;
 REZAPOV, N.M.; KASHTANOV, V.A.; GOL'BERT, A.V.; SIDOROV,
 A.P.; GARNASH, A.A.; BYKOV, M.S.; BOLODIN, L.V.; RYCHKOV,
 L.F.; KUCHIN, M.I.; SHAKHOV, F.H., glav. red.; SHEPAKOVSKAYA,
 L.I., red.

[West Siberian iron ore basin] Zapadno-Sibirskii zhelezorud-
 nyi bassein. Novosibirsk, Red.-izd. otel Sibirskogo otd-
 nia AN SSSR, 1964. 447 p. (MIRA 17:12)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut geo-
 logii i geofiziki. 2. Institut geologii i geofiziki Sibirskogo
 otdeleniya AN SSSR (for Belous, Kazanskiy, Vdovin, Klyarovskiy,
 Kuznetsov, Nikolayeva, Novozhilov, Senderzon). 3. Institut
 gornogo dela (for Akayev). 4. Novosibirskoye geologicheskoye
 upravleniye Ministerstva geologii i okhrany nedr SSSR (for
 Babin, Berdnikov, Goryukhin, Nagorskiy, Piven').

(Continued on next card)

BELOUS, N.Kh.---(continued). Card 2.

Tomskiy politekhnicheskii institut (for Bakanov, Cebler, Smolyaninov, Smolyaninova). 5. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya (for Yushin, D'yakonova, Rezapov, Kashtanov, Gol'bert). 6. Institut ekonomiki sel'skogo khozyaystva (for Garmash). 7. Sibirskiy metallurgicheskii institut (for Bykov, Borodin, Ryehkov). 8. Tomskiy inzhenerno-stroitel'nyy institut (for Kuchin). 9. Chlen-korrespondent AN SSSR (for Shakhov).

KOMKOVA, A.I.; PETROFF, V.S.; GORYUKHINA, O.A.

Phosphoproteins of structural elements of the nuclear fraction
of a nervous tissue. Vest. LGU 20 no.9:74-49 '65.

(MIRA 18:6)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>CA</p> <p>11F</p> <p>Protein composition of skeletal muscle. M. Ya. Gal- vinskaya and T. A. Goryunova. <i>Biokhimiya</i> 9, 604-9 (1938). A water ext. of rabbit muscle contains about 27% of the total protein content. Since electrolytes found in the muscle are in part dissolved, the water ext. contains only about 7% albumin, the remainder being globulins. After extn. with 0.25% HOAc and 0.25% NaOH, the residual undissolved protein content remains rather const. (about 4.5%). W. Cohen</p>																			
<p>Chair of Biological Chemistry, Military Medical Academy im. S.M. KIROV, Leningrad</p>																			
ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION										EPONI BOWLING									
EPONI STATION										EPONI CMC ONLY 101									

11

CA

The proteins of the gray and white brain substances.
A. V. Palladin and T. A. Gorbunova (Acad. Sci. U.S.S.R., Moscow). *Fiziol. Zhur.* 13, 727-30 (1917); (*Chem. Zash.* 1948, 1, 777-8).—By fractional extrn. of the gray and the white brain substance with (1) water, (2) 4.5% KCl (pH 9.1), and (3) 0.1 N NaOH, 3 protein fractions were obtained from each substance. Under the same capill. conditions the protein contents of these fractions were fairly const. The proteins of the individual fractions differed from each other in their isoelec. points, which were detd. as the point of max. pptn. of protein. The isoelec. point of the aq. fraction was at pH 4.6. That of the KCl fraction was at pH 5.8 and that of the NaOH fraction at pH 5.2. About 30% of the total protein of the gray brain substance was extractable with water; the value was 19% for the white substance. Corresponding values were 38% (gray substance) and 23-4% (white substance) for protein extractable with KCl. The proportion of the total protein extractable with NaOH was the same for both the gray and white substance. In the gray substance 8% of the total protein was insol. in the solvents used; 20% of the white substance was insol. in these solvents. M. G. Moore

ca

117

Some stages in the enzymic decomposition of L-histidine in the organism of normal and cancerous animals. A. N. Parshin and T. A. Goryukhina (Cancer Inst., Acad. Med. Sci., Leningrad). *Biochim. Zh.* 15, 409-500 (1950); cf. Parshin, *Doklady Akad. Nauk. S.S.S.R.* 58, 1419 (1947).-- The first stage in the enzymic decompn. of L-histidine in the liver is the formation of urocanic acid. The latter under the influence of another liver enzyme, urocaninase, is transformed into a new compd. of unknown structure. All that is known about this enzymic stage is that when this substance is treated with NaOH, a mol. of NH₃ is split off, and apparently, a new amino acid is formed. Glutamic acid is not formed from histidine by the liver enzymes. The histidine decompn. process is not limited to the action of a decarboxylase and of urocaninase. A third enzymic system exists in the kidneys that decomp. the transformation product of urocanic acid. Histidine metabolism proceeds less intensively in cancerous rats than in normal rats. H. Priestley

- Biochem. Lab.

1951

PARSHIN, A.N.; GORYUKHINA, T.A.

~~PARSHIN, A.N.; GORYUKHINA, T.A.~~
Certain stages of fermentative decomposition of -histidine in the
organism of normal animals and in tumors. Biokhimiia, Moskva 15
no.6:499-506 Nov-Dec 50.. (CJML 21:1)

1. Biochemical Laboratory, Institute of Oncology of the Academy of
Medical Sciences USSR, Leningrad.

11 F

C.A.

Formation of carnosine and anserine in skeletal musculature of embryos and tumor-bearing animals and the discovery of these dipeptides in heart muscle. A. N. Parshin and T. A. Goryukhina (Oncology Inst., Acad. Med. Sci. U.S.S.R., Leningrad). *Doklady Akad. Nauk S.S.S.R.* 78, 631-4 (1950); cf. C.A. 32, 3949; 34, 6804. — Carnosine and anserine are found in chick embryo skeletal muscle from the 17 to 18th day on; in rabbit embryos from the 20 to 30th day on. In postnatal period the amt. increases. Since the appearance takes place when the morphological and functional formation of the muscle is essentially complete, the participation of the two substances in muscle contraction mechanism is doubtful. In rats with transplanted malignant tumors no significant difference was found in the content of the 2 dipeptides, in comparison with healthy specimens, while creatine and adenosinetriphosphates are very low. Heart muscle of the cow, pig, rabbit, and cat contain 5-6 times less carnosine and anserine than the skeletal muscle (80-100 mg. % total of both). The value of the enzymic method of estn. of these substance is again underlined, as it can be used for soln. of most diverse methods, even after the development of the chromatographic methods. G. M. Kosolapoff

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CA

Synthesis of carnosine and anserine in development of experimental cancer of Brown-Pearce type in rabbits. A. N. Parshin and T. A. Goryukhina (Oncology Inst., Leningrad). *Doklady Akad. Nauk S.S.S.R.* 77, 665-7 (1951).—Rabbits grafted with a cancerous growth (in the muscle tissue) show a 5-6-fold decrease in the amts. of anserine and carnosine in the muscle, so that analyses must be done on concd. exts. The decrease is accompanied by a considerable increase of activity of histidine decarboxylase and urocaninase. The enhanced destruction of histidine prevents normal formation of the 2 dipeptides. Fasting normal rabbits have some 4 times more anserine and carnosine in their muscle tissue than the cancer-infected specimens, so that the decline in the latter case cannot be wholly attributed to nutritional factors. Subcutaneous administration of histidine to cancerous rabbits leads to increase of the carnosine and anserine contents to almost normal levels. G. M. Kosolapoff

-Acas Med. Sci

1951

CA

Enzymic cleavage of L-methylhistidine. A. N. Pashin and T. A. Goryshkina (Acad. Med. Sci., Leningrad). *Doklady Akad. Nauk S.S.S.R.* 94, 101-4 (1952); cf. *ibid.* 98, 1419 (1947); *C.A.* 48, 3487g. — Methylhistidine substrate with minced cat liver or kidney cortex as the active principle remains unchanged in the 1st case, but shows oxidative deamination in the 2nd instance. The liberation of NH_3 takes place at the expense of the NH_2 group of histidine. *In vivo* expts. with rats, where N is eliminated as urea, confirm this observation, as introduction of methylhistidine increases elimination of urea and of substances that give a pos. diazo reaction, i.e. imidazoles with free H in 1 position; methylhistidine gives a neg. test. The deamination and demethylation occur in the kidneys.
G. M. Kosolapoff

—Inst. of Oncology

GORYUKHINA, T.A.

Urocanic acid as intermediate product of histidine decomposition in the organism of normal animals and in tumors. Doklady Akad. nauk SSSR 87 no. 4:645-648 1 Dec 1952. (CML 23:5)

1. Presented by Academician K. M. Bykov 25 September 1952. 2. Institute of Oncology of the Academy of Medical Sciences USSR.

GORYUKINA, T. A. and PARSHIN, A. N.

*Synthesis of carnosine and anserine in dog liver DOKLADY AKADEMIY NAUK S.S.S.R. 1953,
88 (113-116) No. 1

Dogs with Eckfistulae showed a very much reduced content of anserine and carnosine in the musculature. This supports the hypothesis that synthesis of these compounds occurs in the liver. The activity of urocaninase is very slight, and the results cannot be ascribed to disturbed enzymic function.

Losolajoff (Chem. Abstr.)

SO: EXCERPTA MEDICAL - Section II, Vol. 7, No. 10

GORYUKHINA, T.A.

Activity of hepatic histidine desaminase and urocaninase in rabbits during the development of Brown-Pearce tumor. Doklady Akad. nauk SSSR 88 no. 2:317-320 11 Jan 1953. (GIML 24:1)

1. Presented by Academician K. M. Bykov 19 November 1952. 2. Institute of Oncology of the Academy of Medical Sciences USSR.

GORVUKHINA, T. A.

(3)

Mechanism of the enzymic decomposition of histidine in animal liver. A. N. Pershin and T. A. Goryukhina. Doklady Akad. Nauk S.S.S.R. 94, 822-824 (1954); *ibid.* 98, 1419 (1957); C.A. 48, 5514a. The report by Wolf (C.A. 47, 8140g) is not a proof of formation of glutamic acid from histidine, but does show the possible use of various fragments of histidine for synthetic purposes of the organism. Incubation of histidine soln. with liver ext. at pH 7.8-8.0 at 38° results in ready degradation of histidine but all attempts to isolate glutamic acid as the Ba salt or by electrophoresis led to neg. results. Addn. of deliberate amts. of glutamic acid to such a reaction mixt. led to its ready recovery (as the HCl salt) showing that the isolation techniques were not the cause of failure. Thus it is shown that histidine is not transformed directly into glutamic acid by the action of liver. O. M. Kozlovskii.

RH
9/15/54

GORYUKHINA, T. A.

Enzymic transformations of imidazolelactic acid in the organism of normal and tumorous rabbits. T. A. Goryukhina (Inst. Oncology, Acad. Med. Sci. U.S.S.R., Leningrad). Doklady Akad. Nauk S.S.S.R. 98, 819-22 (1954). The main step in the metabolism of imidazolelactic acid (I) is its amination and transformation into histidine. In the absence of the amination step the transformations of I apparently do not take place. Synthesis of histidine occurs with equal intensity in normal and tumor-bearing rabbits. I which is not transformed in the body is eliminated in the urine within 24 hrs. The tumorous rabbits had the Brown-Pierce tumors. Introduction of I leads to increased total N in the urine, along with increase of urea and ammonia N.

G. M. Kosolapoff

Goryukina, T. A.

✓ Nitrogen balance in rabbits with Brown-Pierce sarcoma.
T. A. Goryukina. *Voprasy Onkologii* 2: 226-2 (1959).
The N balance in rabbits with Brown-Pierce sarcoma re-
mains pos. in the face of the increased rate of liver enzyme
decompn. of histidine. This is thought to be due to the pres-
ence in the organism of large reserves of histidine in the form
of carnosine and aserine of the muscle tissues, a small re-
serve of which persists even at the time of death of the sar-
comatous animals. H. S. Levine

Biochem Lab, Inst. Oncology, Acad. Med. Sci. USSR
Leningrad.

Goryukhina, T. A.

U-4

USSR/ General Problems of Pathology. Tumors

Abs Jour : Ref Zhur - Biol., No5, 1958, 22981

Author : Goryukhina, T.A.

Inst :

Title : Nitrogen Balance in Rabbits with the Brown-Pearce Carcinoma.

Orig Pub : Vopr. onkologii, 1956, 2, No 3, 320-323

Abstract : Positive nitrogen balance was preserved on the 12th-20th day after inoculation of the tumor. The rabbits did not lose weight. On the 22nd-30th day, when most animals developed extensive metastases in the liver and the kidneys the nitrogen balance became negative. In cases where metastatic phenomena were slow and did not involve the liver or the kidneys, a positive nitrogen balance remained even on the 22nd-30th day.

Card 1/1

NECHAYEVA, I.D.; DYADKOVA, A.M.; GORYUKHINA, T.A.; TSEL', Ye.A. (Adres
avtorov: Leningrad, 129, 2-ya Berezovaya alleya, dom, 3. Institut
Onkologii Akademii meditsinskikh nauk SSSR.

Tenth session of the Academy of Medical Sciences of the U.S.S.R.
Vop.onk. 2 no.4:493-502 '56. (MLM 9:12)

1. Institut Onkologii Akademii meditsinskikh nauk SSSR.
(CANCER)

EXCERPTA MEDICA Sec 16 Vol. 5/7 Cancer July 57

2474. GORYUKHINA T. A. Inst. of Oncol., Acad. of Med. Sci., Leningrad
Enzymatic cleavage of L-histidine in liver and kidneys of normal and tumour-bearing animals
(Russian text) Biokhimija 1956, 21/1 (90-97) Tables 3

The urine of men, rats and dogs was examined after s.c. or oral administration of histamine. Extracts of animal livers and kidneys were also examined. Histamine is split in the liver to urocanic acid. Subsequent cleavage probably occurs in the kidneys. In the presence of liver tumours the degradation of histamine is retarded.

Szabuniewicz - Gdańsk

EXCERPTA MEDICA Sec 16 Vol. 5/8 Cancer Aug. 57

2841. GORYUKINA T. A. Biochem. Lab., Inst. of Oncol., Acad. of Med. Sci., Leningrad *The distribution of histidine in the protein of various tissues in tumour-bearing rabbits (Russian text)* Biokhimija 1956, 21/2 (210-214) Tables 1

Previous investigations revealed an increased break-down of histidine under the influence of hepatic enzymes in cases of Brown-Pearce's rabbit tumour, manifesting itself by a decrease of carnosine and anserine in the muscles. The present communication deals with the histidine concentration in the different types of protein. It could be demonstrated that in the protein of liver and blood serum, the histidine level diminishes; this phenomenon can be prevented by s.c. administration of histidine or imidazole-lactic acid. The histidine concentrations of the haemoglobin, the brain and the muscles, on the other hand, remain unaltered; in the tumour tissue there is a slight decrease. Injection of histidine causes an increase of the concentration of the compound, also in the tumour. It is concluded, that the production of histidine is not disturbed, but that its break-down is accelerated.

Brandt - Berlin

GORYUKHINA T.A. (Leningrad, 129, 2-ya Berezovaya alleya, d. 3, Institut
onkologii AMN SSSR,)

Histidine metabolism in patients with cancer of the stomach and of
the breast [with summary in English] Vop. onk. 3 no.1:76-79 '57:
(MIRA 10:4)

1. Iz biokhimicheskoy laboratorii (zav.-prof. A.N. Parshin)
Instituta onkologii AMN SSSR (dir.-ch.-korr. AMN SSSR prof. A.I.
Serebrov)

(HISTIDINE, metab.
in cancer of breast & of stomach)
(BREAST NEOPLASMS, metab.
histidine metab. in system)
(STOMACH NEOPLASMS, metab.
same)

In the absence of histidine, with its subcutaneous intro-
duction (10g) or internal introduction (4-6 g) certain fi-
nal products of protein metabolism (urea, ammonia, amino N,
diazp-compounds), are evacuated in the urine of patients
with carcinoma in the same amount as with healthy people.
The product of conversion of urocanic acid, which forms in
the liver from histidine, is absent in healthy people and
patients with carcinoma. -- Author's report.

GORYUKHINA, T.A.

Histidine metabolism in rats with transplanted liver tumors and in mice with hepatomas. Vop.onk. 5 no.4:387-393 '59. (MIRA 12:12)

1. Iz biokhimicheskoy laboratorii (zav. - prof. A.N. Parshin) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov).

(HISTIDINE, metab.

exper. transplanted liver tumors & hepatoma (Rus))

(HEPATOMA, exper.

histidine metab. in exper. transplanted liver tumors & hepatoma (Rus))

(NEOPLASMS, metab.

Russ))

GORYUKHINA, T.A.

Paper chromatographic determination of histidine and urocanic acid. Ukr.biokhim.zhur. 31 no.1:138-143 '59. (MIRA 12:6)

1. Biochemical Laboratory of the Institute of Oncology of the Academy of Medical Sciences of the U.S.S.R., Leningrad.
(HISTIDINE) (UROCANIC ACID) (PAPER CHROMATOGRAPHY)

GORYUKHINA, T.A.

Formation of histidine from urocanic acid in the animal organism. Ukr.
biokhim.shur. 31 no.4:475-480 '59. (MIRA 13:1)

1. Biochemical Laboratory of the Institute of Oncology of the Academy
of Medical Sciences of the U.S.S.R.
(HISTIDINE) (UROCANIC ACID)

GORYUKHINA, T. A., Doc Med Sci (diss) -- "The metabolism of l-histidine in the organism of healthy and tumorous animals and man". Leningrad, 1960. 24 pp (Leningrad Pediatric Med Inst), 350 copies (KL, No 11, 1960, 137)

SOLOV'YEV, A.L.; SHERSTNEV, A.E.; IVANOV, I.I.; PARSHIN, A.N.; GORYUKHINA,
T.A.

Some data and considerations on possible means of chemotherapy for
melanomas. Vop. onk. 6 no.6:88-89 J^e '60. (MIRA 14:3)
(TUMORS) (TYROSINE) (CARBON—ISOTOPES)

FORYUCHINA, T. A., VODVICHENKO, L. M., SHERSTNEV, YE. A., PARSHIN, A. N. (USSR)

"The Site of Carnosine Synthesis in the Body."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

ROZENTAL, M.M.; GORNOSTEIN, V.A.; SHERSTIN, Ye.A.; VDOVICHENKO, L.M.

Carnosine formation in the liver and muscles of the frog.
Dokl. AN SSSR 1/7 no.1:233-235 N 1961. (MIRA 14:11)

1. Inst. onkologii Akademii meditsinskikh nauk SSSR.
2. Pavlenko akademik V.N.Chernigovskiy.

(CARNOSINE)
(LIVER)
(MUSCLE)

GORYUKHINA, T.A.

Electrophoretic separation of soluble liver proteins in animals
with transplanted tumors. Vop. onk. 10 no.5:44-49 '64.

(MIRA 18:8)

1. Iz biokhimicheskoy laboratorii (zav. - prof. A.N.Parshin)
Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen
AMN SSSR A.I.Serebrov). Adres avtora: Leningrad, P-129, 2-ya
Berezovaya alleya, 3, Institut onkologii AMN SSSR.

GORYUKHINA, T.A. [Horiukhina, T.A.]

Fractionation of liver proteins with the aid of electrophoresis, on paper, agar-agar gel and starch. Ukr. biokhim. zhur. 36 no.2:308-317 '64. (MIRA 17:11)

1. Biochemical Laboratory of the Institute of Oncology of the Academy of Medical Sciences of the U.S.S.R., Leningrad.

PARSHIN, A.N.; GORYUKHINA, T.A.; MISHENEVA, V.S.

Electrophoretic separation of proteins from tumors of the human breast.
Vop. onk. 11 no.5:40-43 '65. (MIRA 18:8)

1. Iz biokhimicheskoy laboratorii Instituta onkologii AMN SSSR.

GORYUKHINA, V.A.

✓ The effect of the oxidation-reduction potential on the oxidation mechanism of sulfur held by coordination bonds.
H. V. Pitsyn, V. A. Goryukhina, and P. A. Khoshunov.
Izv. Akad. Nauk S.S.S.R., Ser. Khim., 1960, 25, 87-76 (1960).—The starting potentials of oxidation with I_2 of $S_2O_8^{2-}$ to S and SO_4^{2-} (550 mv.), of $S_2O_8^{2-}$ (560 mv.) and of free S (700 mv.) appear to indicate a relation between strength of coordination bond of S compds. and the potential. Other data from the literature confirm this conclusion. W. M. Sternberg.

PM

Goryukhov, M.F.

3-6-2/29

AUTHOR: Goryukhov, M.F., Candidate of Economic Sciences, and Markov, N.V.,
Candidate of Philosophic Sciences

TITLE: For a High Party Consciousness for Pedagogical Mastery (Za vysokuyu partiynost', za pedagogicheskoye masterstvo)

PERIODICAL: Vestnik Vyshey Shkoly, 1957, # 6, p 7-13 (USSR)

ABSTRACT: The article points to the celebration of the 40th Anniversary of the October Revolution and to the preparations made for it by the chairs of social sciences. The author emphasizes the great responsibility of the instructors to educate the students in the Marx-Lenin theory. After the 20th KPSS Congress, scientific and methodical work increased considerably, and some chairs can serve as an example for others. However, many instructors of these chairs reorganize their work slowly, and as before, the main deficiencies in teaching social sciences are a low ideologic-theoretical lecture and seminar level, a dogmatic exposition of the Marx-Lenin theory, and a weak struggle against reactionary bourgeois ideology. In this sense the author deals further with the teachers' duties, and then quotes a number of cases to illustrate shortcomings in teaching social

Card 1/2

For a High Party Consciousness, for Pedagogical Mastery

3-6-2/29

sciences. Dotsent M.E. Aleshkov of the Saratov Automobile and Road Institute (Saratovskiy avtomobil'nodorozhnyy institut), Dotsent P.B. Bashkin of the Omsk Pedagogical Institute (Omskiy pedagogicheskiy institut), Instructor K.V. Paklina of the Saratov Institute of Agricultural Mechanization (Saratovskiy institut mekhanizatsii sel'skogo khozyaystva), Dotsent A.I. Linyayev of the Stalinsk Pedagogical Institute (Pedagogicheskiy institut v Stalinskè) are criticized.

Several instructors of the Saratov Zoo-Veterinary Institute (Saratovskiy zooveterinarnyy institut) and of the Saratov Institute for Agricultural Mechanization are referred to. Two of the instructors on the Chair of the KPSS History of the Saratov University (Saratovskiy universitet) and Dotsent V.D. Kargin are also mentioned as being at fault. In conclusion the author stresses the necessity for an improvement in instructor qualifications.

AVAILABLE: Library of Congress

Card 2/2

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516410008-6

AUTHOR: Goryukhov, M.F., Candidate of Economical Sciences 3-58-3-9/32

TITLE: What Did the Group Conferences Show (Chto pokazali kustovyye soveshchaniya.) On the Results of Conferences of Instructors in Social Sciences and of Party Organization Secretaries in Vuzes of the RSFSR (K itogam soveshchaniy prepodavateley ob shchestvennykh nauk i sekretarey partiynykh organizatsiy vuzov RSFSR)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, Nr 3, pp 36 - 41 (USSR)

ABSTRACT: A wide review of the ideological work conducted at the higher Soviet schools discloses the systematic activity and the shortcomings in the work of chairs of social sciences and of the vuz party organizations. Group conferences of vuz instructors of social sciences and party organization secretaries were held this year in Moscow, Leningrad, Saratov, Rostov/Don, Sverdlovsk, Kazan', Novosibirsk and Irkutsk. Reports were delivered by V.P. Yelyutin, Minister of Higher Education and his substitutes B.S. Gerashchenko, S.A. Yudachev and V.N. Stoletov. There were 7,000 instructors of social-economic chairs representing 442 vuzes of the RSFSR. A report of the USSR Ministry of Higher Education "On Measures for Improving the Instruction of Social Sciences at the Higher Schools" was discussed and numerous re-

Card 1/4

3-58-3-9/32

What Did the Group Conferences Show? On the Results of Conferences of Instructors in Social Sciences and of Party Organization Secretaries in Vuzes of the RSFSR

ports and lectures were delivered. The lectures were held by Moscow and Leningrad scientists. Among them were: Academician S.L. Sobolev; Corresponding-Members of the As USSR, A.D. Aleksandrov and A.A. Trofimuk; Academician of the AS UkrSSR, M.E. Omel'yanovskiy; Professors G.A. Kozlov, M.F. Makarova, L.A. Mendel'son, N.V. Pukhovskiy, G.V. Platonov, Yu. P. Frantsev, P.A. Zhilin, S.F. Nayda, N.I. Shatagin, and the Dotsents M.S. Dragilev, A.G. Kulikov, I.F. Petrov and V.G. Poznyak. Deputy-Foreign Minister V.S. Semenov and Professor G.A. Deborin spoke on the international situation. The Sovnarkhoz presidents reported on the further development of industry and construction. A resolution of the TsK KPSS of the RSFSR mentioned shortcomings in teaching social sciences at the Saratov vuzes. V.N. Okorokov, Dotsent of the Omskiy sel'skokhozyaystvennyy institut (Omsk Agricultural Institute), proposed that the publication of translated foreign literature be expanded. The Izdatel'stvo inostrannoy literatury (Publishing Office of Foreign Literature) is beginning to issue a monthly bulletin "Novyye knigi za rubezhom po obshchestvennym naukam" which

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What Did the Group Conferences Show? On the Results of Conferences of Instructors in Social Sciences and of Party Organization Secretaries in Vuzes of the RSFSR

will help the instructors to become familiar with new foreign books on economics, philosophy, history, etc. V.A. Plotichkin, Party organization secretary of the Ural'skiy gosudarstvennyy universitet (Ural State University) suggested that an Intervuz Publishing Office be organized in Sverdlovsk, which would print the works prepared by the Ural vuz chairs. A like proposal was made at the group conferences in Kazan', Saratov and Rostov/Don. V.V. Volkov, Head of the Chair of Political Economy of the Chelyabinskiy politekhnicheskiy institut (Chelyabinsk Polytechnical Institute) raised the question of creating an All-Union Student Journal. M.A. Abdrakhmanov, Dotsent of the Kazanskiy universitet (Kazan' University), I.T. Belimov, Dotsent of the Tomskiy politekhnicheskiy institut (Tomsk Polytechnical Institute), L.V. Sretenskiy, Party Secretary of the Yaroslavl'skiy pedagogicheskiy institut (Yaroslavl' Pedagogic Institute) and V.V. Mel'nikov, Party Secretary of the Rostovskiy institut sel'skokhozyaystvennogo mashinostroyeniya (Rostov Institute of Agricultural Machine construction), also

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3-58-3-9/32

What Did the Group Conferences Show? On the Results of Conferences of In-
structors in Social Sciences and of Party Organization Secretaries in Vuzes
of the RSFSR

participated in the debates.

AVAILABLE: Library of Congress

Card 4/4

L 27842-65 EWT(m)/EWA(L) RM

ACCESSION NR: AP5000094

S/0205/64/004/006/0865/0869 24

AUTHOR: Bardura, Z. I.; Voronina, Ye. N.; Poslovina, A. S.;
Goryukhova, N. M.; Salganik, R. I.

TITLE: Investigation of the combined action of chemical mutagens and ultraviolet rays on formation of reversible mutations in E. coli 113-3.

SOURCE: Radiobiologiya, v. 4, no. 6, 1964, 865-869

TOPIC TAGS: E. coli 113-3 culture, ultraviolet irradiation, chemical mutagen, formaldehyde, hydroxylamine, desoxyribonucleic acid, nucleotide, mutation

ABSTRACT: Literature sources indicate that under the effect of ultraviolet irradiation certain chemical mutagens can change the mutability of the same DNA locus differently depending on its nucleotide composition. In the present study the combined mutagenic effects of ultraviolet irradiation and the chemical mutagens, hydroxylamine and formaldehyde, were investigated in cultures of E. coli 113-3, an auxotrophic mutant deficient in B₁₂. The E. coli 113-3 cultures with the addition of formaldehyde ($3 \cdot 10^{-2}$ M).

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ACCESSION NR: AP5000094

concentration) or hydroxylamine (10^{-2} M concentration) were ultraviolet irradiated (BUV-15 bactericidal lamp, 30 cm focal length) with single doses of 80, 160, 315, and 630 ergs/mm². The cultures were protected against photoreactivity during irradiation and after. The number of mutations induced by ultraviolet irradiation and the chemical mutagens were first determined for each factor separately and then for combined action. Findings show that ultraviolet irradiation combined with formaldehyde action sharply increases the number of reversible mutations in *E. coli* 113-3 auxotrophs, exceeding the separate mutation effect of each factor by 2-5 times. Under similar conditions hydroxylamine reduces the mutagenic effect of ultraviolet irradiation, although hydroxylamine by itself clearly displays mutagenic properties. The explanation offered for the combined action mechanism of chemical mutagens and ultraviolet irradiation is that DNA denaturation under the effect of ultraviolet irradiation increases the reactivity of the nitrogenous bases in the DNA molecules. Orig. art. has: 2 tables and 1 figure.

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L 27842-65

ACCESSION NR: AP5000094

ASSOCIATION: Institut tsitologii i genetiki SO AN SSSR, Novosibirsk
(Institute of Cytology and Genetics SO AN SSSR)

SUBMITTED: 07Sep63

ENCL: 00

SUB CODE: LS

NR REF SOV: 010

OTHER: 008

Card 3/3

ACCESSION NR: AR4027680

S/0276/64/000/001/V038/V038

SOURCE: RZh. Tekhnologiya mashinostroyeniya, Abs. 1V237

AUTHOR: Borisov, S. I.; Eliznyukov, Ye. A.; Goryun, A. P.; Vereshchagin, A. D.

TITLE: Machine tool with programmed control for production of hollow periodic profiles by transverse-screw rolling

CITED SOURCE: Sb. Trubn. proiz-vo Ukrainy*. Kiyev, 1963, 44-51

TOPIC TAGS: periodic profile, automatic machine tool, profiling machine tool, hollow profile, profile machining, hollow periodic profile machining

TRANSLATION: The Ukrainian Scientific Research Institute of Piping has constructed a machine tool with program control for the rotational hot or cold extrusion of hollow profiles used as blanks in the production of conical shells and other thin-walled products with a periodic longitudinal profile. The idling rollers or other tools connected to the shafts of the compression device hydraulic cylinders symmetrically approach and retreat from the axis of the machined part, deforming the blank. At the same time, the working tool together

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ACCESSION NR: AR4027680

with the movable carriage moves along the axis of the blank, successively deforming portions of the longitudinal profile throughout its length. It is possible to regulate the wall thickness and its variations over the length of the product. 5 illustrations. A. Bosheskiy.

DATE ACQ: 03Mar64

SUB CODE: ML

ENCL: 00

Card 2/2

GORYUN, G. G.

"Concerning the Morphological Connection of Neurons With Spinal Cord Gray Matter." Gand Med Sci, Rostov-on-Don Medical Inst, Rostov-on-Don, 1953.
(RZhBiol, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

SAMSONOV, G.V.; DMITRENKO, L.V.; SIROTA, A.G.; GORYUNKOVA, A.D.; MOROZOVA, I.G.;
KLIKH, S.F.; SHESTERIKOVA, M.P.

Purification of albomycin by using chromatographic method on sulfo-
cationites. Antibiotiki 3 no.2:90-94 Mr-Apr '58. (MIRA 12:11)

1. Leningradskiy khimiko-farmatsevticheskiy institut, i Institut
vysokomolekulyarnykh soyedineniy AN SSSR.

(ANTIBIOTICS,

albomycin, chromatographic purification with sulfo-
cation exchange resistance (Rus))

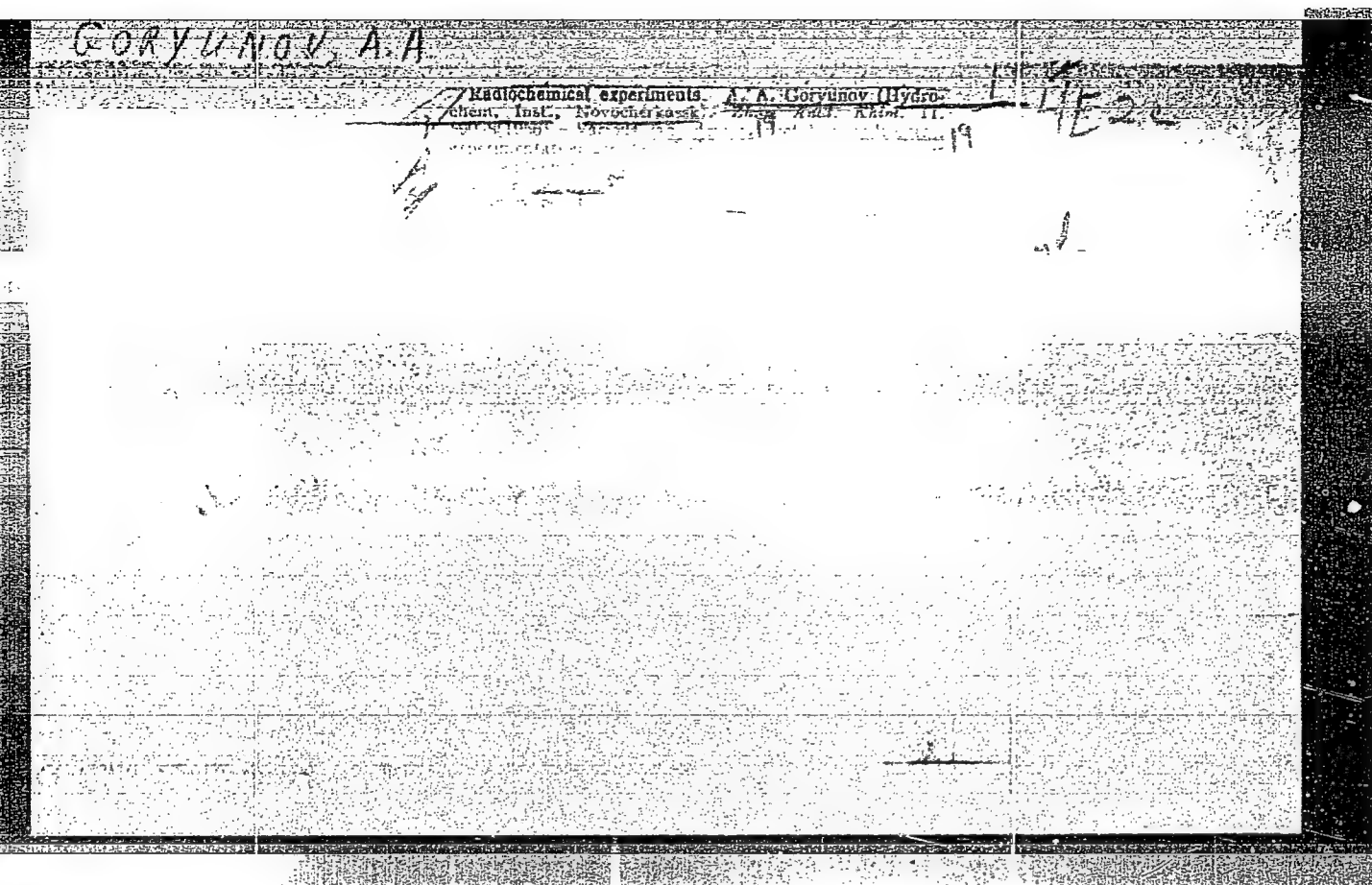
(ION EXCHANGE RESINS,

sulfo-cation exchange resin SDV-3, chromatographic
purification of albomycin (Rus))

BRAZHNIKOVA, M.G.; LAVROVA, M.F.; GORYUNKOVA, A.D.

Studies on desorption processes and the purification of colimycin
on an ion-exchange resin KB4-P2. Antibiotiki 5 no.2:13-16 Mr-Ap.
'60. (MIRA 14:5)

1. Institut po izyskaniya novykh antibiotikov AMN SSSR.
(NEOMYCIN) (ION EXCHANGING SUBSTANCES)



GORYUNOV, A.A.

Improved laboratory chromatographic column. Gidrokhim.mat.
29:282-288 '59. (MIRA 13:5)

1. Gidrokhimicheskiy institut Akademii nauk SSSR, Novocherkassk.
(Chromatographic analysis)

21(4)

AUTHOR:

Goryunov, A. A.

SOV/89-6-5-22/33

TITLE:

An Annular Shield of a Chromatographic Column During Work With Radioactive Isotopes (Kol'tsevaya zashchita khromatograficheskikh kolonok pri rabote s radioaktivnymi izotopami)

PERIODICAL:

Atomnaya energiya, 1959, Vol 6, Nr 5, pp 582-584 (USSR)

ABSTRACT:

The shielding device consists of lead rings of 40 mm thickness and 100 mm width (inner diameter 100 and 300 mm), which may be assembled by means of projecting edges and indentations so as to form a gapless unit. The cavity formed is able to hold a laboratory-chromatographic column, in which γ -emitters (radiation energy < 1 Mev) up to 100-200 mg space equivalent can be separated. The storage vessel of the separating column holds 1 l. The ion exchanger (resin) has a weight of 1 g. The assembled lead rings are coated on the in- as well as on the outside. On the top the shield is closed by means of a lead cylinder, which is hollowed out, partly in accordance with the shape of the column. The protective shell is fastened to a metal table (supporting power 0.5-3 t). The exact structure is shown by a sectional drawing. Assemblage is

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An Annular Shield of a Chromatographic Column
During Work With Radioactive Isotopes

OV/89-6-5-22/33

described in detail and shown by means of a schematical
drawing (Fig 1) and a photograph (Fig 2). There are 2 figures.

SUBMITTED: January 25, 1958

Card 2/2

S/054/ 0/000/02/13/021
B022/B 07

AUTHORS: Goryunov, A. A., Myuller, R. L., Kapustina, L. K.

TITLE: The Rate of the Removal of Ruthenium Tetraoxide From Aqueous
Solutions by Means of an Air Current

PERIODICAL: Vestnik Leningradskogo universiteta. Seriya fiziki i khimii,
1960, No. 2, pp. 104-111

TEXT: In an earlier paper (Ref. 1), which is the first attempt at
investigating the kinetics of distilling-off ruthenium in form of ruthenium
tetraoxide, the distilling-off of ruthenium was found to consist of two
independent processes, viz. the chemical process of the oxidation of
ruthenium to Ru^{8+} , and of the physical process of the removal of the RuO_4
formed, either by direct evaporation or by means of an air flow blown
through the solution. In the presence of a reducing agent a reversible
reduction process of RuO_4 to lower oxides may occur. In the present case,
the reducing agent used was hydrochloric acid. The investigation under
review concerns the physical process of removing RuO_4 by means of an air

✓B

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The Rate of the Removal of Ruthenium Tetraoxide
From Aqueous Solutions by Means of an Air
Current

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current from an aqueous solution in the absence of a reducing agent. The kinetics of the process mentioned in the title was investigated in an apparatus consisting entirely of glass (Fig. 1). Among other things, also a Komovskiy pump was used. Five series of measurements were carried out at temperatures of about 20, 40, 60, 80, and 100°C, and a velocity of air flow of about 5, 15, 30, 45 and 60 l/h. Figs. 2 and 3 show the results obtained for the rate of the removal of RuO_4 from solutions of nitric acid in form of diagrams. A summary of the experimentally determined half-periods and of the rate constants of the removal of RuO_4 from nitric acid solutions at various velocities of the air flow and temperatures of the reaction mixture is given (Table 1). The temperature dependence of the logarithm of the rate constant of the removal of RuO_4 from nitric acid solutions with an air current at different velocities of the air flow is given in Fig. 4. Table 2 gives the values of the coefficients A, B, of the activation energy E, and of the pre-exponential factor C_0 for the process mentioned. On the basis of the results obtained it may be concluded that the limitation of the process of removing RuO_4 by the evaporation rate of water under the non-steady conditions in the quick passage of air through

✓B

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The Rate of the Removal of Ruthenium Tetraoxide
From Aqueous Solutions by Means of an Air
Current

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the solution is absolutely possible. As to the decrease in activation energy with an increase in the quantity of air blown through, the latter may be explained by the use of non pre-heated air, contrary to the conditions used by M. V. Tobvin and Ye. V. Savinova (Ref. 7). There are 4 figures, 2 tables, and 7 references, 4 of which are Soviet. ✓B

Card 3/3

GORYUNOV, A. A.

Cand Chem Sci, Diss -- "Oxidation of certain compounds of ruthenium by potassium periodate, ozonized oxygen, mixtures of sulfuric and hydrochloric acids and sodium chlorate". Moscow, 1961. 16 pp, 20 cm (Inst of Gen and Inorg Chem imeni N. S. Kurnakov, Acad of Sci USSR), 180 copies, Not for sale. (KL, No 9, 1961, pp 176-177, No 24273).
/61-51129/

GORYUNOV, A.A.; SVESHNIKOVA, L.I.

Oxidation of ammonium nitrosopentachlororuthenate with
potassium periodate. Zhur. neorg. khim. 6 no.7:1543-1551
Jl '61. (MIRA 14:7)

(Ammonium chlororuthenate)
(Potassium periodate)

GEORYUNOV, A.A.

Rate of the oxidation of Ru^{4+} hydroxychloride and nitrate solutions
by ozone. Vest. LGU 16 no. 4: 105-115 '61. (MIRA 14:3)
(Ruthenium chloride) (Ruthenium nitrate)
(Ozone)

GORYUNOV, A.A.; ZVAGINTSEV, O.I., doktor khim. nauk, prof., otv. red.; VOLKOVA, V.G., tekhn. red.

[Ruthenium and osmium; bibliography covering the period 1804 - 1960] Rutenii i osmii; bibliograficheskii ukazatel' literatury, 1804-1960. Moskva, Izd-vo Akad. nauk SSSR, 1962. 250 p.

(MIRA 15:6)

1. Akademiya nauk SSSR. Sektor seti spetsial'nykh bibliotek.
(Bibliography--Ruthenium) (Bibliography--Osmium)

GORYUNOV, A. A.

Dissertation defended for the degree of Candidate of Chemical Sciences
at the Institute of General and Inorganic Chemistry imeni
N. S. Kurnakov: in 1962:

"Oxidation of Several Ruthenium Compounds by Potassium Periodate,
Ozonized Oxygen, and by Mixtures of Sulphuric and Hydrochloric Acids
and Sodium Chlorate."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

ZVYAGINTSEV, Orest Yevgen'yevich, prof., doktor khim. nauk;
AVTOKRATOVA, Tat'yana Dmitriyevna, kand. khim. nauk, dots.;
GORVUNOV, Anatoliy Alekseyevich, kand.khim. nauk, assistant;
KOLBIN, Nikolay Ivanovich, kand.khim.nauk, dots.; RYABOV,
Al'ber Nikolayevich, kand. khim. nauk, assistant; KORCHEMNAYA,
Ye.K., red.

[Chemistry of ruthenium] Khimiia ruteniia. [By] O.E.Zviagin-
tsev i dr. Moskva, Nauka, 1965. 299 p. (MIRA 18:6)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhda-
nova (for Kolbin, Ryabov, Goryunov). 2. Moskovskiy institut
stali i splavov (for Avtokratova).

GORYUNOV, A.A.; RYABOV, A.N.

New method of dissolving ruthenium. Zhur.neorg.khim.
10 no.12:2596-2601 D '65.

(MIRA 19:1)

GORYUNOV, A.F.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1281
AUTHOR GORJUNOV, A.F.
TITLE The Scattering of Slow Neutrons by a Water Molecule.
PERIODICAL Atomaja Energija, 1, fasc.3, 45-49 (1956)
Publ. 3 / 1956 reviewed 9 / 1956

The total, the elastic, and the inelastic scattering cross section of slow neutrons by water molecules is computed at room temperature and on the condition that the molecules do not enter into interaction among one another. The inelastic part of the cross section is then due to scattering with modification of the energy of a single molecule. In order to find the contribution of individual states towards scattering, the oscillation- and rotation spectra of the water molecules are then compared. At room temperature the molecule is in the ground state with respect to the oscillations, and the rotation levels then have small j . In the case of the scattering of neutrons with $E \ll E_1$ the oscillation levels are not excited, so that the water molecules may be looked upon as rigid rotators.

The cross sections are computed on the basis of the perturbation theory. In this case the interaction of the neutron with the nuclei of the molecule is computed by means of FERMI'S pseudopotential. The differential scattering cross section is for the center of mass system of the neutron and of the molecule as well as the interaction energy of the neutron and the nucleus are explicitly written down. Herefrom the energy of the interaction of the neutron with the molecule is derived and written down as the sum of a symmetrical and antisymmetrical

Atomaja Energija, 1, fasc. 3, 45-49 (1956) CARD 2 / 2

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part with respect to the permutation of the proton spins. The water molecule is an antisymmetrical rotator, and the wave function of a water molecule must be antisymmetrical with respect to the permutation of protons. Next, expressions for the differential cross sections with and without modification of spin are written down, and the rest of the problem is reduced to the computation of the integrals occurring in these expressions. In conclusion, the total cross section is computed. The following table shows the numerically computed cross sections in dependence on the energy E of the neutron and in consideration of the states with $j \leq 3$, and for purposes of comparison the experimental data of the scattering of neutrons in water are given. (E in eV, cross sections in barn).

E	0,05	0,045	0,04	0,035	0,03	0,025	0,02
σ	74,4	81,2	83,6	88,0	96,0	100,4	107,6
$\sigma(\text{elastic})$	45,6	44,6	52,8	55,6	59,6	62,4	64,0
$\sigma(\text{experimental})$	84		92		104		118

The values computed are lower by about 10% than experimental values, apparently because of the neglect of molecular states with $j \gg 4$ and the interaction of molecules.

INSTITUTION:

BEGISHEV, F.A.; MINGAREYEV, R.Sh.; POLUYAN, I.G.; GORYUNOV, A.I.

Preliminary results of experimental studies carried out in the
Bavly field. Geol.nefti i gaza 3 no.6:34-39 Je '59.
(MIRA 12:8)

1. Neftyanoye upravleniye Tatrskogo soveta narodnogo khozyaystva.
(Tatar A.S.S.R.--Oil fields--Production methods)

GORYUNOV, A.I., inzh.; KRYUKOV, I.I., dotsent; SITYACHENKO, K.P., inzh.;
STOVAS, M.V., dotsent

New method of determining corrections for bends in the metal construction of transporter bridges. Izv. vys. ucheb. zav.; gor. zhur. 6 no.7:87-90 '63. (MIRA 16:9)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gorny in-
stitut imeni Artema. Rekomendovana kafedroy geodezii Dnepropetrovs-
kego instituta.

(Transporter bridges)

GORBYNOV, A.M., inzhener.

Shortcomings of metal framework construction. TSement 19 no.3:25-26 My-
Je '53. (MLRA 6:6)

1. Bryanskiy tsementnyy zavod.

(Framing (Building))

GORYUNOV, A.M., inshener.

Erecting cement silos with the aid of sliding metallic formwork.

TSement 19 no.6:24 M-D '53. (MLBA 6:12)

(Silos) (Reinforced concrete construction)

G. R. JAMES A. M.

GORYUNOV, A.M., inzhener; KREPKANOVICH, M.B., inzhener

▲ An experiment in building cement silos with sliding metallic forms. Tsement 21 no.3:26-28 My-Je '55. (MIRA 8:10)
(Concrete construction--Formwork)

GORYUNOV, A.N.

5/514/6:/000/005/001/014
1007/1207

215210
AUTHORS:

D'yachenko, P.Ye., Oshchepkov, P.K., Tolkacheva, N.M., Andreyev, O.A.,
Shudov, V.A., Goryunov, A.N., and Dubova, L.N.

TITLE:

On the hardening of metal surface layers by irradiation

SOURCE:

Akademiya nauk USSR. Komissiya po tekhnologii mashinostroyeniya.
Seminars po kachestvu poverkhnosti. Trudy. no. 5, 1961. Kachestvo
poverkhnosti detaley mashin; metody i pribory, uprochneniye
metallov, tekhnologiya mashinostroyeniya, 27-31

TEXT:

The thermal effect of nuclear irradiation in the surface layers of
metals was investigated after electronic, ionic and deuteron irradiation. The
equipment consisted of a voltage-pulse generator, electron gun and a vacuum unit.
Considerable increase in the wear resistance of metals resulted from the levelling of
micro-irregularities, fusion of micro-cracks and the sudden quenching of the surface
layer. In a second test, ionic irradiation was achieved in a unit for the electromag-
netic separation of isotopes by irradiation with titanium ions. The titanium diffused
into the surface of the specimens to a depth of 110 microns and wear resistance
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4/514/61/000/005/001/014
1001/1207

On the hardening of metal...

increased by as much as 10 times compared to the initial resistance. Microhardness increased by as much as 1.5 times. Deuteron irradiation was performed in a cyclotron and resulted in an increase of microhardness by a factor of 2-3, and of wear resistance by a factor of 2-2.5. There are 4 figures.

✓B

Card 2/2

GORYUNOV, A.T.; ANDRIYEVSKAYA, A.F.; ZHUKOVSKAYA, M.K.; SMIRNOV, B.K.,
stv.red.; PEVZNER, A.S., zav.red.isd-va; OSENKO, L.M., tekhn.red.

[Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos.isd-vo lit-ry po stroit., arkhitekt. i stroit.materialam. Sbornik 20. [Construction and repair work] Remontno-stroitel'nye raboty. No.2. [Road construction] Dorozhnye raboty. 1960. 71 p.

(MIRA 13:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Tsentral'naya normativno-issledovatel'skaya stantsiya (TsNII) Ministerstva avtomobil'nogo transporta i shosseynykh dorog RSFSR (for Andriyevskaya, Zhukovskaya).
(Wages) (Road construction)

GORKUNOV B. F.

Fredvaritel'no napriazhennyi zhelezobeton v gidrotekhnicheskom stroitel'stve
[Prestressed reinforced concrete in hydraulic-engineering construction]. Moskva,
Gos. izd-vo lit-ry po stroit. i arkhitekt., 1953. 163 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 11 February 1954

1. GORYUNOV, B.

2. USSR (600)

4. Pile Driving

7. Piles with increased supporting capacity. Mor.flot 13, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

GORYUNOV, B., kandidat tekhnicheskikh nauk.

Planning sheet piling walls. Mor.1 rech.flot 13 no.8:27-28 D '53.

(MERA 6:12)

(Sheet piling)

1. GORYUNOV, B. F.
2. USSR (600)
4. Reinforced Concrete Construction
7. Using reinforcements of a periodic profile in hydrotechnical construction.
Gidr. stroi. 22, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

GORYUNOV, B. F.

AID P - 2118

Subject : USSR/Engineering

Card 1/1 Pub. 35 - 7/20

Author : Goryunov, B. F. and Dolgoplov, N. G.

Title : ~~Standard pre-assembled reinforced concrete piles~~

Periodical: Gidr. stroi., no.3, 22-23, 1955

Abstract : Research on reinforced concrete piles 20 to 25 m long with 6 different types of members is described. Tests made on bending are described. Possible savings of steel by using standard materials and dimensions and type of joints are stressed and a table is given. Three diagrams.

Institution: None

Submitted : No date

GORYUNOV, B.F., kandidat tekhnicheskikh nauk.

Precast reinforced concrete elements for moorings. Sber.mat.o
nov.tekh.v stroi. 17 no.10:1-7 '55. (MLBA 9:2)
(Wharves) (Precast concrete construction)

GORYUNOV, B.F., kandidat tekhnicheskikh nauk; GUDANETS, N.A., kandidat tekhnicheskikh nauk; ZLATOVERKHOVNIKOV, L.P., kandidat tekhnicheskikh nauk; KAGAN, Ya.Kh., kandidat tekhnicheskikh nauk; KRIVOV, A.K., inzhener; KUROCHKIN, S.N., inzhener; LYAKHNITSKIY, V.Ye., doktor tekhnicheskikh nauk, professor; NOVIKOV, A.F., kandidat tekhnicheskikh nauk; ROMASHOV, D.G., inzhener; SHENTSEI', V.K., kandidat tekhnicheskikh nauk; KUZ'MIN, T.P., redaktor; ZAYTSEV, N.N., redaktor; NELEDOVA, E.S., redaktor izdatel'stva; TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[Port hydrotechnical installations; construction and design] Portovye gidrotekhnicheskie sooruzheniya; konstruirovaniye i raschet. Moskva, Izd-vo "Morskoi transport," 1956. 537 p. (MLBA 9:11)
(Harbors)

GORYUNOV, B.I., kandidat tekhnicheskikh nauk; DOLGOPOLOV, N.G., kandidat tekhnicheskikh nauk.

Reinforced concrete piles made of precast elements. Bet.1 shel.-bet.
no.3:91-95 Mr '56. (Concrete piling) (MIRA 9:7)

GORYUNOV, R.F., kandidat tekhnicheskikh nauk; DOLINSKIY, A.A., inzhener.

Building a pier on a foundation made of prestressed piles. Transp.
stroit. 6 no.12:9-11 D '56. (MLRA 10:3)
(Piers)

GORYUNOV, B.F. Doc Tech Sci (diss) "Particularities of designing
and computing hydraulic structures ~~with~~ ^{made of} pre-stressed reinforced
concrete." Len, 1957 25 pp 20 cm. (~~USSR~~ ^{Min} River Fleet ^{USSR}.
Len Inst ~~of Engineering~~ ^{of Engineering of Water Transport} 100 copies
(KL, 11-57, 97)

~~GORYUNOV, Boris Fedorovich~~, kandidat tekhnicheskikh nauk; KUROCHKIN, S.M.,
spetsredaktor; SANDLER, N.V., redaktor izdatel'stva; KOPLYAKOVA, O.I.,
tekhnicheskii redaktor

[Mooring structures of precast concrete elements] Prichal'nye sooru-
zheniia iz sbornykh shlezobetonnykh elementov. Leningrad, Izd-vo
"Morskoi transport," 1957. 224 p. (MLRA 10:9)
(Docks)

GORYUNOV, B. F.
GORYUNOV, B.F., kand.tekhn.nauk.

Soviet harbor construction. Trudy TSNIIMF no.12:3-9 '57.
(Harbors) (Hydraulic engineering) (MIRA 11:2)

GORIUNOV, B.F., kand.tekhn.nauk; L'VOV, A.I., inzh.

Prestressed reinforced concrete piles. Biul.tekh.inform. 3 no.2:16-20
F '57. (MIRA 10:10)

(Concrete piling--Testing)

DAIDBEKOV, Sirazhutdin Daidbekovich, kand.tekhn.nauk; ~~GORYUNOV, B.F.,~~
kand.tekhn.nauk, nauchnyy red.; KAPLAN, M.Ya., red. izd-va;
PUL'KINA, Ye.A., tekhn.red.

[Using prestressed reinforced elements in housing construction]
Opyt primeneniya predvaritel'no napriazhennykh zhelezobetonnykh
konstruktsiy v zhilishchnom stroitel'stve. Leningrad, Gos. izd-vo
lit-ry po stroit., arkhitekt. i stroit. materialam, 1958. 186 p.
(Prestressed concrete construction) (MIRA 12:1)

GORYUNOV, B.F., kand.tekhn.nauk; KUROCHKIN, S.N., kand.tekhn.nauk

Ways of reducing costs and increasing the durability of
pier structures in harbors. Trudy TSHIIMF no.19:3-37
'58. (MIRA 13:1)
(Piers--Cost of construction) (Building materials)

GORYUNOV, B.F., doktor tekhn.nauk

Hydraulic engineering in Finnish ports. Inform. sbor. TSNIIMF
no.47. Tekh. ekspl. mor. flota no.3:75-87 '60. (MIRA 15:1)
(Finland--Harbors) (Hydraulic engineering)

GORYUNOV, Boris Fedorovich; KORCHAGINA, Antonina Yakovlevna; LAZAREVA,
L.I., red.; LAVRENOVA, N.B., tekhn.red.;

[Effect of ships on harbormooring structures] Vozdeistvie sudov
na morskoe prichal'nye sooruzheniia. Moskva, Izd-vo "Morskoi
transport," 1961. 52 p. (MIRA 14:9)
(Piers) (Waves)

ANDREYEV, Georgiy Borisovich, inzh.; VOLOBUYEV, Viktor Mikhaylovich, inzh.; GORYUNOV, Boris Fedorovich, doktor tekhn.nauk, prof.; SMIRNOV, Nikolay Andreyevich, kand.tekhn.nauk; SOBOLEV, Georgiy Aleksandrovich, inzh.; Primali uchastiye: ANNENKOV, Ye.N., inzh.; ZLATOVERKHNIKOV, L.F., kand.tekhn.nauk; KORCHAGINA, A.Ya., inzh.; KRIVITSKIY, S.I., inzh.; RUMYANTSEV, A.N., inzh.; LAPINA, Z.D., red.; MOSHAROVA, T.P., red.; TIKHONOVA, Ye.A., tekhn. red.

[Technical operation of hydraulic engineering structures in harbors] Tekhnicheskaya ekspluatatsiya portovykh gidrotekhnicheskikh sooruzhenii. [By] G.B.Andreev i dr. Moskva, Izd-vo "Morskoi transport," 1962. 375 p. (MIRA 15:8)
(Hydraulic structures) (Harbors)

GORYUNOV, Boris Fedorovich; KORCHAGINA, Antonina Yakovlevna;
SORKIN, E.I., red.

[Mooring and breasting dolphins] Prichal'nye i otboirye
paly. Moskva, Transport, 1965. 96 p. (MIRA 18:9)

GORYUNOV, D., kand.tekhn.nauk inzhener-podpolkovnik

Centralized fuel supply for airplanes. Tyl i snab. Sov. Voor. Sil.
21 no.8:66-68 Ag '61. (MIRA 14:12)
(Airplanes, Military--Refueling)

SOV/94-58-10-4/20

AUTHOR: Goryunov, D.I., Engineer
Korol'kov, N.S., Technician

TITLE: A Circuit for Automatic Switching of Stand-by Supply
for High-Power Synchronous Motors (Skhema AVR pitaniya
sinkhronnykh dvigateley bol'shoy moshchnosti)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 10, pp 10-12 (USSR)

ABSTRACT: In the manufacture of soda there must be no
interruption in the supply of water. Technical
particulars are given of the 1700 kVA, 6.3 kv
synchronous motor used to drive the pumps. Supply
failure often caused pump shut down although standby
supply was available. After reading the article by
G.R. Miller in Promyshlennaya Energetika 1956, Nr 7,
the author attempted to use the recommended circuit
for automatic switching of standby supply but it was
not found possible to maintain synchronous operation
of the motor with this circuit. A new circuit was
accordingly designed for this purpose, a circuit
diagram is given. When current falls in the stator
of the synchronous motor the excitation is suppressed
for a certain time; the system only operates if

Card 1/2

SOV/94-58-10-4/20

A Circuit for Automatic Switching of Stand-by Supply for
High-Power Synchronous Motors

voltage is present on the reserve supply; with a time delay of half a second the motor will pull into synchronism against full load. The operation of the circuit is explained. The circuit has been introduced on the synchronous motors driving the pump, it has worked well in practice and has ensured an uninterrupted supply of water. There is 1 figure.

ASSOCIATION: Sterlitamakskiy sodovo-tsementnyy kombinat
(The Sterlitamak Soda-Cement Combine)

Card 2/2

AZIZYAN, A.K.; ANDRIYANOV, B.V.; BARASHEV, P.R.; BUGAYEVA, M.I.; VASIL'YEV, N.I.; DENISOV, N.N.; ZASLAVSKIY, B.Ye.; OSTROUMOV, G.N.; TYUPAYEV, A.S.; ADZHUBEY, A.I., red.; GORYUNOV, D.P., red.; IL'ICHEV, L.F., red.; SATYUKOV, P.A., red.; SIVOLOBOV, M.A., red.; SKURIDIN, G.A., red.; TOIMACHEV, A.V., red.; DANILINA, A.I., tekhn. red.

[Dawn of the outer space era] Utro kosmicheskoi ery. Moskva, Gospolitizdat, 1961. 762 p. ____ [Phonograph record "World flight to the stars. Soviet man in outer space;" report] Gramofonnaia plastinka "Vsemirnyi reis k zvezdam. Sovetskii chelovek v kosmose"; report. (MIRA 14:10) tazh.

1. Redaktsiya gazety "Pravda" (for Azizyan, Denisov).
 2. Komitet po radioveshchaniyu i televideniyu (for Andriyanov).
 3. Redaktsiya gazety "Komsomol'skaya pravda" (for Barashev).
 4. Redaktsiya gazety "Sovetskoye foto" (for Bugayev).
 5. Redaktsiya gazety "Krasnaya zvezda" (for Vasil'yev).
 6. Gosudarstvennoye izdatel'stvo politicheskoy literatury (for Zaslavskiy).
 7. Redaktsiya gazety "Izvestiya" (for Ostroumov).
 8. Telegrafnoye agentstvo SSSR (for Tyupayev).
- (Astronautics)

GORYUNOV, D.V., kandidat sel'skokhozyaystvennykh nauk.

Congress of Soviet Botanists. Priroda 46 no.3:109-110 Mr. '57.
(MLRA 10:3)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR (Moskva)
(Botany--Congresses)

GORYUNOV, D. V.

GORYUNOV, D.V., kandidat sel'skokhozyaystvennykh nauk.

Biological and economic reasons for harvesting grain in separate stages. Priroda 46 no.5:91-94 My '57. (MIRA 10:6)

1. Otdel kul'turnykh rasteniy Glavnogo botanicheskogo sada Akademii nauk SSSR (Moskva).
(Grain--Harvesting)

GORYUNOV, D.V.

25-58-4-20/41

AUTHOR: Goryunov, D.V., Candidate of Agricultural Sciences

TITLE: Remote Hybridization (Otdalennaya gibridizatsiya)

PERIODICAL: Nauka i Zhizn', 1958, Nr 4, page 50 (USSR)

ABSTRACT: The USSR Academy of Sciences and the Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina (All-Union Academy of Agricultural Sciences imeni V. I. Lenin) convened a conference in February 1958, dealing with the remote hybridization of plants and animals. The following reports were heard: Academician N.V. Tsitsin, on the importance of interbreeding species and races; S.K. Kadamov, Senior scientific worker of the Uzbekskiy Institute zhivotnovodstva (Uzbek Institute of Animal Husbandry), on hybridization of ensilage plants; M.F. Ternovskiy, on tobacco hybrids; A.S. Yablokov, on hybridization of tree species; Professor N.I. Nikolyukin from Saratov, on fish hybridization. The conference outlined the problem of remote hybridization which is to be dealt with in the future.

AVAILABLE: Library of Congress
Card 1/1 1. Agriculture-Conference

GORYUNOV, D.V.

Conference on interspecific and intergeneric hybridization of plants
and animals. Izv. AN SSSR, Ser. biol. no. 4:502-507 J1-Ag '58 (MIRA 11:8)
(HYBRIDIZATION--CONGRESSES)